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(54) RECORDING PAPER AND PRODUCTION THEREOF

(57) Abstract:

PURPOSE: To obtain a recording paper suitable for ink jet recording, by causing a specified filler and a fibrous material of a base paper to coexist on the surface of a recording paper obtained by coating the fibrous base paper with a filler-containing aqueous coating liquid.

CONSTITUTION: A base paper may be any sheet of paper which contains a fibrous material and, optionally, a filler and which is made to have a Stockigt sizing degree according to JIS P8122 of 0W15sec, as measured on the basis of a basis weight of 65g/m²,

by using an appropriate size. An aqueous coating liquid comprises a filler and an aqueous binder. As the filler, a hydrophilic one having a relatively high oil absorption according to JIS K5101 is preferred, from the viewpoints of ink absorptivity and color forming properties of a coloring material. The filler may be silica or the like, particularly silica or the like having an oil absorption according to JIS K5101 of 80W300ml/100g. As the aqueous binder, a mixture of a water-soluble high molecular weight substance such as polyvinyl alcohol with a water dispersion type high molecular weight substance such as an SBR latex is used. The coating weight is 2W10g/m² on a dried basis.

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